

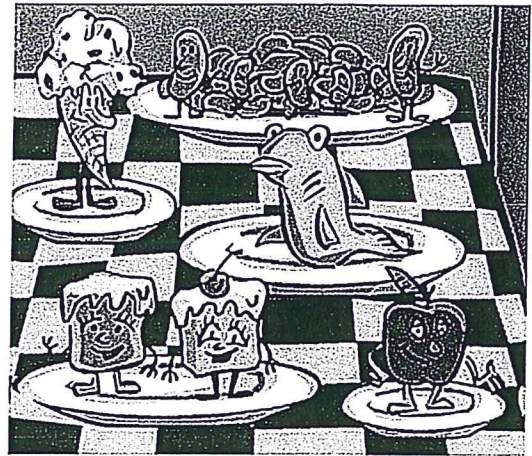
Name: _____

Div: _____

Digestive System Webquest

Go to <http://kitses.com/animation/swfs/digestion.swf>

Pick the beans then click "I'm hungry" / "Let's eat".

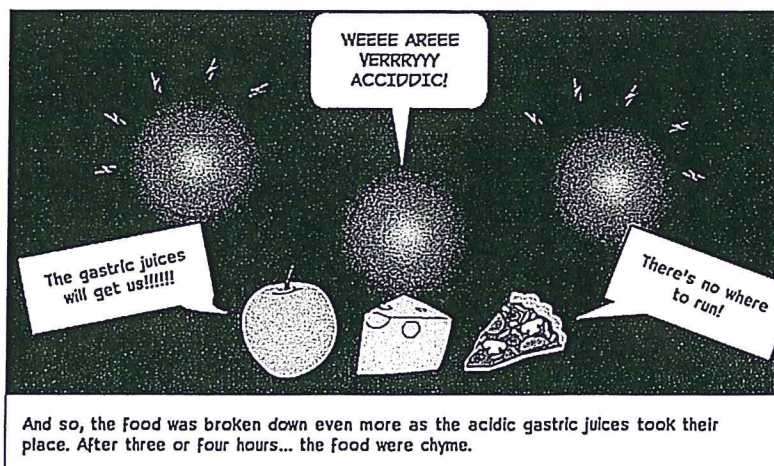


1. Teeth _____ the food into mush.
2. Saliva contains an _____ which starts the breakdown of _____.
3. _____ in the saliva makes the mush slippery.
4. _____ in the stomach's digestive juices start the breakdown of _____.
5. Enzymes in the duodenum complete the breakdown of _____ particles and _____ into sugar.
6. _____ breaks the fat particles into tiny droplets.
7. _____ break the fat particles down further.
8. In the second part of the small intestine, the ileum, sugars, proteins, fats, vitamins and minerals are absorbed by _____.
9. As undigested materials travel through the colon, _____ is absorbed.
10. Indigestible, solid waste is stored in the _____.
11. The solid waste is expelled through the _____.

Watch the following video: <http://www.youtube.com/watch?v=Uzl6M1YIU3w>

Go to <http://www.neok12.com/Digestive-System.htm>

1. Click on "Digestive Organs Quiz #1" and complete the attached worksheet.
2. Go back to <http://www.neok12.com/Digestive-System.htm>
3. Click on "Digestive Organs Quiz #2" and complete the attached worksheet.



NAME :

GRADE :

SCORE

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Digestive Organs Quiz #1

Fill-in the Correct Answer Codes

- | | | | |
|---|--|---|-----------------|
| 1 | Glands that produce and secrete saliva which contains digestive enzymes : | A | Tongue |
| 2 | Saclike, muscular organ that secretes gastric acids and churns food into a pulp: | B | Small Intestine |
| 3 | Muscular tube that connects and carries food from the mouth to the stomach : | C | Salivary Glands |
| 4 | Bony structures that grind and crush food mechanically into smaller bits : | D | Teeth |
| 5 | Long tubular organ where most of chemical digestion & absorption takes place: | E | Stomach |
| 6 | Entrance of the digestive system where mechanical and chemical digestion begins: | F | Large Intestine |
| 7 | Organ that senses taste of food and helps push it to the back of the mouth : | G | Mouth |
| 8 | Large tubular organ that absorbs water, salts, and stores waste matter: | H | Esophagus |

NAME : _____

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Digestive Organs Quiz #2

Fill-In the Correct Answer Codes

1 Largest organ in the body that produces bile and performs over 500 functions:

A

Colon

2 Gland that secretes most of the digestive enzymes, and few important hormones:

B

Liver

3 First section of the small intestine, where most chemical digestion occurs:

C

Jejunum

4 A small organ that stores bile produced in the liver and helps digestion :

D

Rectum

5 Final section of the large intestine that acts as temporary storage for feces:

E

Pancreas

6 Middle section of the small intestine, where bulk of nutrients are absorbed:

F

Gallbladder

7 Opening at the end of the digestive tract through which feces are expelled:

G

Anus

8 Major section of large intestine that absorbs water, salts, and stores waste matter:

H

Duodenum

Go to http://kidshealth.org/kid/htbw/digestive_system.html#cat20580

1. Both mechanical (teeth, tongue) and physical digestion (enzymes) take place in the mouth. Explain the job of the tongue:

2. What is the job of the epiglottis? _____

3. What are the three jobs of the stomach?

1. _____
2. _____
3. _____

4. The small intestine is _____ feet long.

5. What 5 things get absorbed in the small intestine?

_____	_____
_____	_____
_____	_____

6. What 3 organs send juices to the small intestine to help digest food?

_____, _____, and _____

7. What nutrients does the pancreas help digest? _____ and _____

8. Where is bile made? _____ Where is bile stored? _____

9. What does bile do? _____

10. How long is the large intestine? _____

Challenge Questions:

1. Why is the small intestine called "small" and the large intestine called "large"?

2. What is the name of the bacteria that lives in your large intestine & why is it helpful?

Go to <http://www.purposegames.com/game/digestive-system-labeling-interactive-game>

Play the game and label the parts of the digestive system below.

